

05/28/99



JCS11 U.S. PTO

Attorney's Docket No. 87-146 R
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for Reissue)
of U.S. Patent No. 5,634,448)
RONALD D. SHINOGLA, ET AL) Examiner: Unassigned
Issued: June 3, 1997) Group Art Unit: Unassigned
For: METHOD AND STRUCTURE FOR)
CONTROLLING AN APPARATUS,)
SUCH AS A FUEL INJECTOR,)
USING ELECTRONIC TRIMMING)

Peoria, Illinois 61629-6490
May 28, 1999

Honorable Commissioner for Patents and Trademarks
Washington, D.C. 20231

TRANSMITTAL LETTER FOR APPLICATION FOR
REISSUE OF UNITED STATES UTILITY PATENT

Sir:

CERTIFICATE OF MAILING

"Express mail" mailing label number
EJ696628428US Date of Deposit May 28,
1999.

I hereby certify that this correspondence
is being deposited with the United States
Postal Service "Express Mail Post Office
to Addressee" service under 37 CFR 1.10
on the date indicated above and is
addressed to the Honorable Commissioner
of Patents and Trademarks, Washington,
D.C. 20231

on May 28, 1999 (Date)

ERIC M. BRAM

Attorney or Agent

Signature

Date: May 28, 1999

JCS25 U.S. PTO
09/322710
05/28/99

05/28/99 09/322710

~~Transmitted herewith~~ for filing is an application for reissue of United States Letters Patent No. 5,634,448, issued to Ronald D. Shinogle; Vernon R. Smith; Richard A. DeKeyser; Stephen F. Glassey; and Yasser A. Al-Charif on June 3, 1997.

Enclosed are the following documents:

- a copy of the original Letters Patent No. 5,634,448 along with new claims 32-45;
- the Assent of the Assignee (Caterpillar Inc.) and an Offer to Surrender the Original Letters Patent;
- a Request for Title Report Accompanied by the required fee of \$150.00;
- an Information Sheet; and
- a Request for Transfer of Formal Drawings.

Serial No. Unassigned

Also enclosed is the filing fee of \$1,600.00 (the filing fee of \$760.00 plus an additional \$450.00 for 25 claims in excess of 20; plus \$390.00 for 5 claims in excess of 3) as required by 37 C.F.R. §1.16(h).

The Declaration required by 37 C.F.R. §1.75 will be filed in due course once the Notice to Filing Missing Parts is received.

It is requested that all future correspondence relating to this application for reissue of United States Letters Patent No. 5,634,448 be addressed to:

Eric M. Bram
Caterpillar Inc.
100 N.E. Adams St.
Peoria, Illinois 61629-6490

Telephone: (309) 675-6060
Facsimile: (309) 675-1236

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16, 1.17 and 1.19 which may be required, and to credit any overpayment, to our Deposit Account No. 02-4800. A duplicate copy of this letter is attached.

Respectfully submitted,



Eric M. Bram
Registration No. 37,285
Caterpillar Inc.

Nancy J. Wagler (Reg. No. (N/A))
(Name of person mailing application)

Nancy J. Wagler
(Signature of person mailing application)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Peoria, Illinois 61629-6490

~~June 27, 1999~~ May 28, 1999

Honorable Commissioner for Patents and Trademarks
Washington, D.C. 20231

INFORMATION SHEET

Sir:

As the above-identified application is being filed without an executed Declaration and Power of Attorney, the following information is provided:

Inventors: Ronald D. Shinogle; Vernon R. Smith; Richard A. DeKeyser; Stephen F. Glassey; Yasser A. Al-Charif, residents of Peoria, Illinois; Peoria, Illinois; Edelstein, Illinois; Gulnare, Colorado; and Peoria, Illinois, respectively.

Please address all correspondence concerning the present application to:

Eric M. Bram
Caterpillar Inc.
100 N. E. Adams St.
Peoria, Illinois 61629-6490.

If any questions arise in connection with this application, kindly contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,

By EM Brow
Registration No. 37,285

Date: 5/28/99

Telephone: (309) 675-6060

Facsimile: (309) 675-1236

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for Reissue)
of U.S. Patent No. 5,634,448)
RONALD D. SHINOGLA, ET AL) Examiner: Unassigned
Serial No. 08/251,549)
Filed: May 31, 1994) Group Art Unit: Unassigned
For: METHOD AND STRUCTURE FOR)
CONTROLLING AN APPARATUS,)
SUCH AS A FUEL INJECTOR,)
USING ELECTRONIC TRIMMING)
Attorney Docket No. 87-146 R)

Peoria, Illinois 61629-6490

~~June 2, 1999~~ May 28, 1999

Honorable Commissioner for Patents and Trademarks
Washington, D.C. 20231

ASSENT OF ASSIGNEE AND OFFER TO
SURRENDER ORIGINAL LETTERS PATENT

Sir:

Caterpillar Inc., sole owner of all right, title and interest in U. S. Letters Patent No. 5,634,448 by virtue of the Assignment recorded at Reel 7191, Frame 899, hereby offers to surrender United States Letters Patent No. 5,634,448, conditional upon the Reissue of said Letters Patent.

The undersigned assignee also hereby assents to the application for reissue of United States Letters Patent No. 5,634,448.

Date:

May 28, 1999

Mary J. Callahan

Assistant Secretary
Title

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Peoria, Illinois 61629-6490

~~June 2, 1999~~ May 28, 1999

Honorable Commissioner for Patents and Trademarks
Washington, D.C. 20231

REQUEST FOR TRANSFER OF FORMAL DRAWINGS

Sir:

In accordance with the provision outlined in 37
C.F.R. §1.174(a), transfer of the formal drawings from the
original patent file to the present reissue application is
respectfully requested.

Respectfully submitted,

By 
Registration No. 37,285

Date: 5/28/99

Telephone: (309) 675-6060

Facsimile: (309) 675-1236

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Peoria, Illinois 61629-6490

~~June 2, 1999~~ May 28, 1999

Honorable Commissioner for Patents and Trademarks
Washington, D.C. 20231

REQUEST FOR TITLE REPORT

Sir:

Please prepare and file a Title Report on U.S.
Patent No. 5,634,448, in this application. A check in the
amount of \$150.00 as required by 37 C.F.R. §1.19(b)(2) is
enclosed.

Authorization is hereby given to charge any
additional costs, or to credit any overpayment, to our Deposit
Account No. 03-1129.

Respectfully submitted,

By: _____

ETM Bunn

Date: _____

5/28/99